

SIDE ONE

Two (2) copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within thirty (30) days after the completion of a well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on Side One will be of public record and Side Two will then be held confidential.

Applications must be made on dual completion, commingling, salt water disposal, injection and temporarily abandoned wells.

Attach one copy only wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.). (Rules 82-2-105 & 82-2-125) KCC# (316) 263-3238.

LICENSE # \_\_\_\_\_ EXPIRATION DATE \_\_\_\_\_  
 OPERATOR M.L. Brown Co. API NO. 15-179-20,653 -00-00  
 ADDRESS 200 Sutton Place COUNTY Sheridan  
Wichita, KS 67202 FIELD \_\_\_\_\_  
 \*\* CONTACT PERSON Vern Haselhorst PROD. FORMATION P & A  
 PHONE 316/265-4651

PURCHASER P & A LEASE RICHARDS ESTATE  
 ADDRESS \_\_\_\_\_ WELL NO. 'B' #1  
 WELL LOCATION NW SE NW

DRILLING Abercrombie Drilling, Inc. 1650 Ft. from West Line and  
 CONTRACTOR ADDRESS 801 Union Center 1650 Ft. from North Line of  
Wichita, KS 67202 the NW (Qtr.) SEC 17 TWP 9S RGE 26W.

PLUGGING Abercrombie Drilling, Inc.  
 CONTRACTOR ADDRESS 801 Union Center  
Wichita, KS 67202

WELL PLAT (Office Use Only)  


 KCC   
 KGS   
 SWD/REP \_\_\_\_\_  
 PLG. \_\_\_\_\_

TOTAL DEPTH 4110' PBTD \_\_\_\_\_  
 SPUD DATE 6/01/82 DATE COMPLETED 6/09/82  
 ELEV: GR 2704' DF 2707' KB 2709'  
 DRILLED WITH (CABLE) (ROTARY) (AIR) TOOLS.  
 DOCKET NO. OF DISPOSAL OR REPRESSURING WELL BEING USED TO DISPOSE OF WATER FROM THIS LEASE \_\_\_\_\_

Amount of surface pipe set and cemented 244.67' DV Tool Used? No

THIS AFFIDAVIT APPLIES TO: (Circle ONE) - Oil, Gas, Shut-in Gas, (Dry) Disposal, Injection, Temporarily Abandoned, OWWO. Other \_\_\_\_\_

ALL REQUIREMENTS OF THE STATUTES, RULES AND REGULATIONS PROMULGATED TO REGULATE THE OIL AND GAS INDUSTRY HAVE BEEN FULLY COMPLIED WITH.

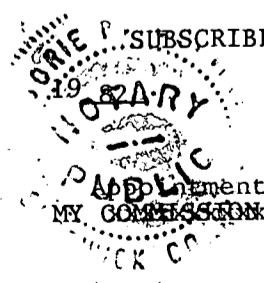
A F F I D A V I T

Vern H. Haselhorst, being of lawful age, hereby certifies that:

I am the Affiant, and I am familiar with the contents of the foregoing Affidavit. The statements and allegations contained therein are true and correct.

Vern H. Haselhorst  
 (Name)

SUBSCRIBED AND SWORN TO BEFORE ME this 17th. day of June,



Marjorie P. Jennings  
 Marjorie P. Jennings (NOTARY PUBLIC)

\*\* The person who can be reached by phone regarding any questions concerning this information.

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 STATE CORPORATION COMMISSION  
 6-18-82  
 JUN 18 1982  
 CONSERVATION DIVISION  
 Wichita Kansas

JUN 27 1982

SIDE TWO

ACO-1 WELL HISTORY

OPERATOR M.L. Brown Co.

LEASE RICHARDS ESTATE SEC. 17 TWP. 9S RGE. 26W

FILL IN WELL LOG AS REQUIRED:

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.			SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface Clay, Sand & Shale	0	253		
Shale & Sand	253	2288		
Anhydrite	2288	2324		
Shale	2324	3487		
Shale & Lime	3487	3903		
Lime	3903	4110		
Rotary Total Depth	4110			
See attached sheets				

Report of all strings set — surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 3/4"	8 5/8"	28#	251'	Common	210	2% gel, 3% c.c.

LINER RECORD			PERFORATION RECORD		
Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD		
Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

Date of first production	Producing method (flowing, pumping, gas lift, etc.)	Gravity
P & A		
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF
	Water %	Gas-oil ratio bbls. CFPB
Disposition of gas (vented, used on lease or sold)		Perforations

GEOLOGICAL REPORT  
NO. 1-B RICHARDS ESTATE  
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DRILL STEM TESTS (Cont'd):

'H', 3965 (3965 EL)  
'I', 3990 (3990 EL)  
Lansing/Kansas City 'J', 4011 (4012 EL)

DST NO. 3  
3948-4025 feet

Open 60 minutes. Weak blow increased to strong in 20 minutes. Shut-in 60 minutes. Open 60 minutes, weak blow increased throughout to fair. Shut-in 60 minutes. Recovered 75' Gas-in-Pipe, 145' slightly oil cut mud, 185' slightly gas and oil cut mud, 120' gas and slightly oil cut mud, 265' mud and slightly oil cut frothy sulfur water, 180' frothy muddy sulfur water. (795' total fluid)

water = .118 @ 71°

Initial Hydrostatic Head	1967 psi
Initial Flow Pressure	10-323 * psi
Initial Shut-in Pressure	745 psi
Final Flow Pressure	343-423 psi
Final Hydrostatic Head	1947 psi
Final Shut-in Pressure	745 psi
Temperature	115°

\* Anchor plugging during first 20 minutes of initial flow period.

Lansing/Kansas City 'K', 4031 (4030 EL)

DST NO. 4  
4020-4051 feet

Open 60 minutes, weak blow, increased to strong in 3 minutes, then decreased throughout to fair. Shut-in 60 minutes. Open 60 minutes, weak blow increased to fair in 15 minutes, then decreased slightly throughout. Shut-in 60 minutes. Recovered 10' free oil, 216' watery heavily mud cut oil, 1151' slightly oil specked sulfur water (total 1377' fluid).

Initial Hydrostatic Head	1967 psi
Initial Flow Pressure	222-584 psi *
Initial Shut-in Pressure	725 psi
Final Flow Pressure	604-705 psi
Final Shut-in Pressure	745 psi
Final Hydrostatic Head	1947 psi
Temperature	115°

\* Anchor plugging during first 10 minutes of initial flow period.

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Wichita, Kansas

water = .116 @ 69°

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DRILL STEM TESTS:

A geological log is included with this report and is considered a part of it. Refer to it for sample descriptions. The following are drill stem test results.

Lansing/Kansas City 'D', 3882 (3880 EL)

DST NO. 1  
3881-3903 feet

Open 60 minutes, weak blow decreased throughout. Shut-in 60 minutes. Open 60 minutes, extremely weak (surface) blow throughout. Shut-in 60 minutes. Recovered 50' of oil cut mud.

Initial Hydrostatic Head	1907 psi
Initial Flow Pressure	20-40 psi
Initial Shut-in Pressure	845 psi
Final Flow Pressure	40-40 psi
Final Shut-in Pressure	403 psi
Final Hydrostatic Head	1887 psi
Temperature	109°

Lansing/Kansas City 'G', 3911 (3911 EL)

DST NO. 2  
3909-3951 feet

Open 60 minutes, very weak blow increased throughout to fair. Shut-in 90 minutes. Open 90 minutes, weak blow increased throughout to fair, shut-in 120 minutes. Recovered 180' gas-in-pipe, 15' free oil, 225' oil cut mud, and 300' salt water.

water = .142 @ 68°

Initial Hydrostatic Head	1927 psi
Initial Flow Pressure	61-161 psi
Initial Shut-in Pressure	965 psi
Final Flow Pressure	161-282 psi
Final Shut-in Pressure	945 psi
Final Hydrostatic Head	1967 psi
Temperature	115°

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